

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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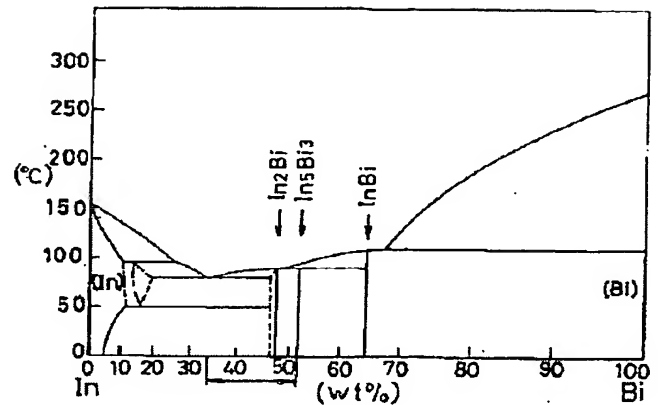
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TITLE : FUSIBLE ALLOY AND WIRE ROD FOR  
THERMAL FUSE, AND THERMAL FUSE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a fusible alloy for thermal fuse, having a melting temperature of about 100°C or lower, free from lead, a wire rod for thermal fuse consisting of the fusible alloy, and a thermal fuse using the wire rod.

SOLUTION: The objective fusible alloy for thermal fuse is characterized by including Bi 34 wt.% to 52 wt.%, and the balance In with unavoidable impurities. The objective wire rod for thermal fuse is characterized comprising the fusible alloy having the above composition. The objective thermal fuse is characterized by having a thermal fuse element consisting of the above wire rod for the thermal fuse.

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